

Converting Colors

Hex(188E9A)

Have a look what the booklet for
Hex(188E9A) contains.

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Color

Hex(188E9A)

Conversions

Conversions Part 1

Format	Color
Hex	188E9A
RGB	24, 142, 154
RGB Percent	9%, 56%, 60%
CMY	0.9059, 0.4431, 0.3961
CMYK	0.84, 0.08, 0.00, 0.40
HSL	186°, 73%, 35%
HSV	186°, 84%, 60%
XYZ	15.8824, 21.8733, 33.9567
YIQ	108.0860, -74.1800, -21.2840

Conversions

Conversions Part 2

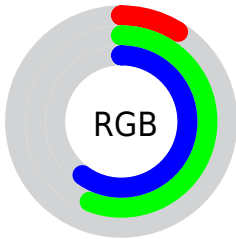
Format	Color
RYB	24, 86, 154
Decimal	1609370
CIELab	53.89, -25.86, -15.12
CIElCh	54, 29.959, 210.322
Yxy	21.8733, 0.2215, 0.3050
Android (android.graphics.Color)	4279799450 (0xFF188E9A)
YUV	108.0860, 22.6356, -73.7434
Hunter-Lab	46.7689, -21.2281, -10.3095

Details

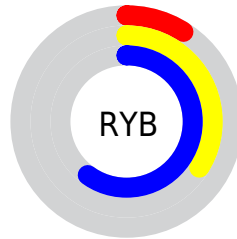
The Hex color **188E9A** is a dark color, and the websafe version is hex **339999**. A complement of this color would be **9A2418**, and the grayscale version is **6C6C6C**.

A 20% lighter version of the original color is **5FC4D0**, and **005B67** is the 20% darker color. If you saturate the color by 10%, you get **098D9A**, and if you desaturate by 10%, it is **278F9A**.

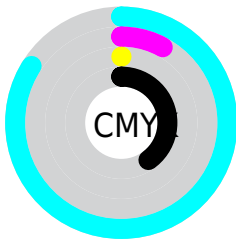
Distribution



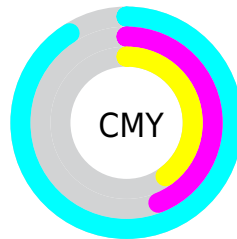
- Red (9%)
- Green (56%)
- Blue (60%)



- Red (9%)
- Yellow (34%)
- Blue (60%)



- Cyan (84%)
- Magenta (8%)
- Yellow (0%)
- Black (40%)



- Cyan (91%)
- Magenta (44%)
- Yellow (40%)

Brightness & Saturation Gradients

These gradients show how the Hex color 188E9A changes by changing the brightness by 10 percent. The first figure shows a shift by +10% for each color and the second figure -10%.

Similar to the brightness gradients but the following saturation gradients show a change of the Hex color 188E9A by changing the saturation by 10% instead.

 188E9A

 188E9A

FFFFFF

 007480

 5FC4D0

 005B67

 7DE0ED

 00434F

 9AFDFF

 002D38

 B8FFFF

 001723

 D5FFFF

 00000B

 F3FFFF

 000000

 188E9A

 188E9A

 098D9A

 278F9A

■ 008C9A

■ 37919A

■ 46929A

■ 56949A

■ 65959A

■ 74979A

■ 84989A

■ 93999A

■ A39B9A

Harmonies

Analogous

The Analogous color harmony consists of three colors that are next to each other on the color wheel.



368F80



188E9A



308AAD

Triad

The Triadic color harmony groups three colors that are evenly spaced from another and form a triangle on the color wheel.



188E9A



A2719B



927F4D

Complementary

The Complementary color scheme is a pair of colors which are on the opposite of each other on the color wheel.



188E9A



9A2418

Split Complementary

Split-complementary colors differ from the complementary color scheme. The scheme consists of three colors, the original color and two neighbors of the complement color.



A77655



188E9A



B16D82

Square

The Square scheme is like the rectangle color scheme, but the four colors are evenly spaced on the color wheel.



188E9A



847AAD



B26F68



778753

Rectangle

The Rectangle color scheme consists of four colors that form a rectangle on the color wheel.



188E9A



4D86B3



B26F68



997C4E

Sweetspot

The Sweet Spot groups the original color and five complimentary colors.



188E9A



97C5C9



189A23



476366



E6E6E6



666666

Same Dimension

The Same Dimension uses a secret algorithm to generate beautiful new colors.



188E9A



00B7C9



184E9A



454C4D



007F8C



000C0D

Inverse Universe

The Inverse Universe completely reimagines the original color for something new.



9A188E



C900B7



9A6418



4D454C



8C007F



0D000C

Previews

White Background



This preview shows how the Hex color 188E9A looks on a white background.

Color Contrast Check

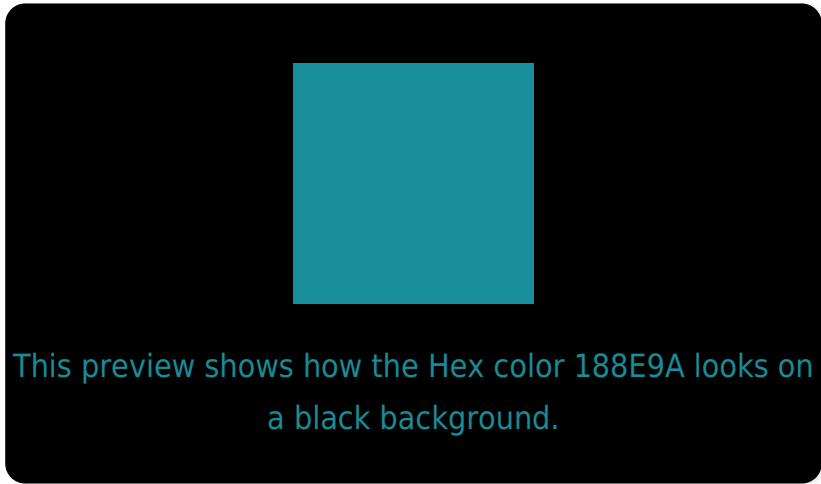
Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA × Fail

Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

Black Background



Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

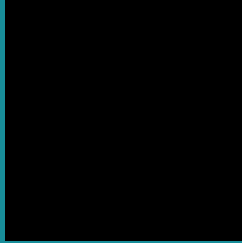
Any Text WCAG AA ✓ Pass

Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA × Fail

If you want to check with other color combinations, try the [Color Contrast Checker](#).

Hex 188E9A Background



This preview shows how black text looks on a background with the Hex color 188E9A.



This preview shows how white text looks on a background with the Hex color 188E9A.

Color Blindness Simulation

Color vision deficiency is a very complex topic, and I could not describe the different causes any better than Wikipedia does, so if you want to learn more, you should check out their [article about color blindness](#).

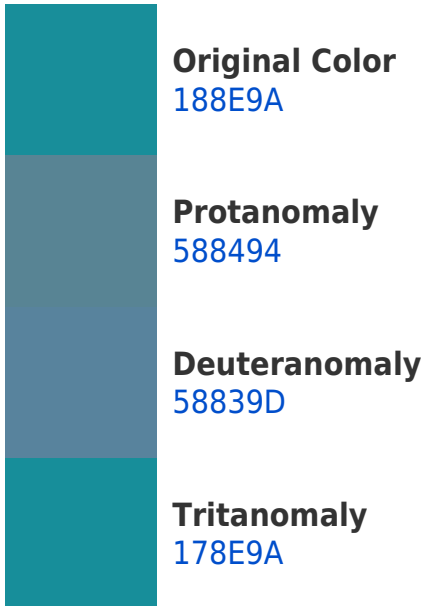
Dichromacy





Tritanopia
178E9A

Trichromacy



Monochromacy



CSS Examples

Text

The CSS property to change the color of the text to Hex 188E9A is called "color". The color property can be set on classes, ids or directly on the HTML element.

This example shows how text in the color #188E9A looks like.

```
.text, #text, p{  
    color:#188E9A  
}
```

If you want to add a text shadow in that color use the text-shadow property, you can generate a text shadow directly with our [CSS Text Shadow Generator](#).

Here you see how black text with a 4 pixel #188E9A colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #188E9A
}
```

Border

The CSS property to change the border of an element to Hex 188E9A is called "border". The border property can be set on classes, ids or directly on the HTML element.

This example shows the color as border, it can be applied via the CSS property "border" or "border-color".

```
.border, #border, table{ border:4px solid
#188E9A }
```

If only the border color should be changed use the property `border-color`.

```
.border{ border-color:#188E9A }
```

If you want to add a box shadow in that color use:

Here you see how a box with a 4 pixel #188E9A colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #188E9A; -webkit-box-shadow:4px 4px  
4px 4px #188E9A; box-shadow:4px 4px 4px  
4px #188E9A }
```

Background

The CSS property to change the background color of an element to Hex 188E9A is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#188E9A }
```

If only the background color should be changed can be used:

```
.background{ background-color:#188E9A }
```

This example shows the color as background, it is applied via the CSS property "background".

To optimize and compress your CSS code, you can use our [online CSS compressor and optimizer](#) based on csstidy. If you want to create a linear or radial gradient as background or border, check our [CSS Gradient Generator](#).

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